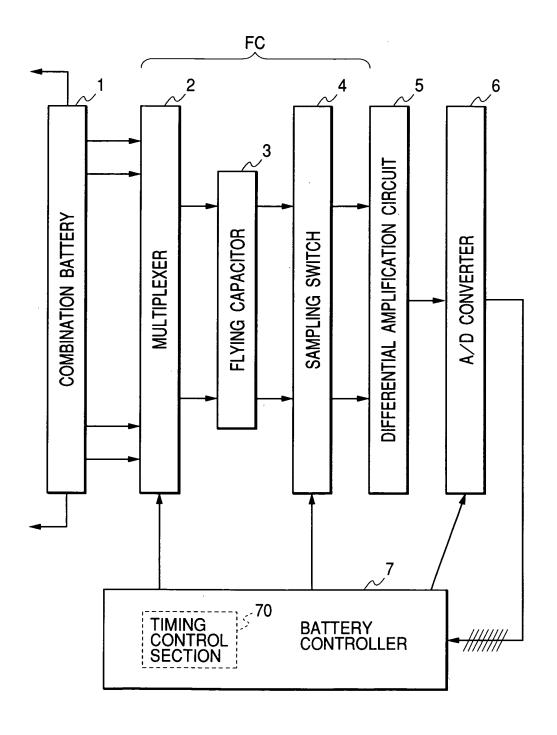
FIG. 1



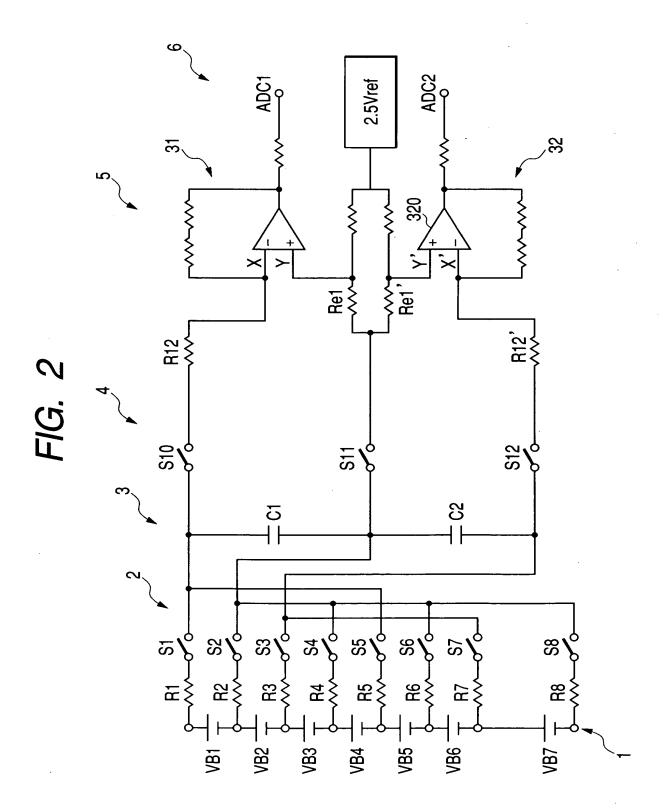


FIG. 3

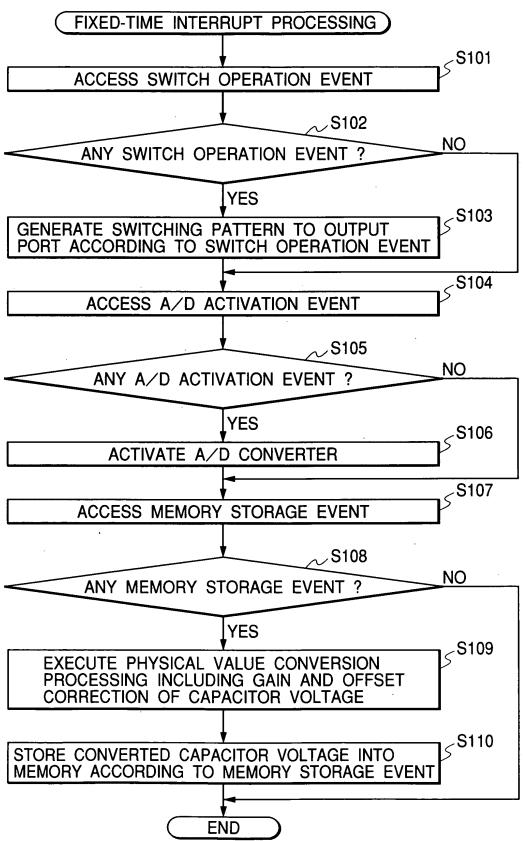
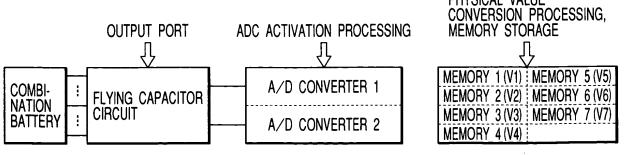


FIG. 4

| FIXED-TIME O INTERRUPT I | | | |
|----------------------------|--------------------------|----------------------|----------------------------------|
| TIME | SWITCH OPERATION EVENT | A/D ACTIVATION EVENT | MEMORY STORAGE EVENT |
| 0 | TURN ON S1 & S2 & S3 | DO NOTHING | DO NOTHING |
| 1-1 | DO NOTHING | DO NOTHING | DO NOTHING |
| 2 | DO NOTHING | DO NOTHING | DO NOTHING |
| $-\frac{2}{3}$ | TURN OFF S1 & S2 & S3 | DO NOTHING | DO NOTHING |
| 4 | TURN ON S10 & S11 & S12 | DO NOTHING | DO NOTHING |
| | DO NOTHING | ACTIVATE A/D1 & A/D2 | DO NOTHING |
| <u>5</u> | TURN OFF S10 & S11 & S12 | DO NOTHING | STORE A/D VALUE INTO "V1" & "V2" |
| 7 | TURN ON S3 & S4 & S5 | DO NOTHING | DO NOTHING |
| 8 | DO NOTHING | DO NOTHING | DO NOTHING |
| 9 | DO NOTHING | DO NOTHING | DO NOTHING |
| 10 | TURN OFF S3 & S4 & S5 | DO NOTHING | DO NOTHING |
| 11 | TURN ON S10 & S11 & S12 | DO NOTHING | DO NOTHING |
| 12 | DO NOTHING | ACTIVATE A/D1 & A/D2 | DO NOTHING |
| 13 | TURN OFF S10 & S11 & S12 | DO NOTHING | STORE A/D VALUE INTO "V3" & "V4" |
| 14 | TURN ON S5 & S6 & S7 | DO NOTHING | DO NOTHING |
| 15 | DO NOTHING | DO NOTHING | DO NOTHING |
| 16 | DO NOTHING | DO NOTHING | DO NOTHING |
| 17 | TURN OFF S5 & S6 & S7 | DO NOTHING | DO NOTHING |
| 18 | TURN ON S10 & S11 & S12 | DO NOTHING | DO NOTHING |
| 19 | DO NOTHING | ACTIVATE A/D1 & A/D2 | DO NOTHING |
| 20 | TURN OFF S10 & S11 & S12 | DO NOTHING | STORE A/D VALUE INTO "V5" & "V6" |
| | | | |
| | | : | |
| PHYSICAL VALUE | | | |



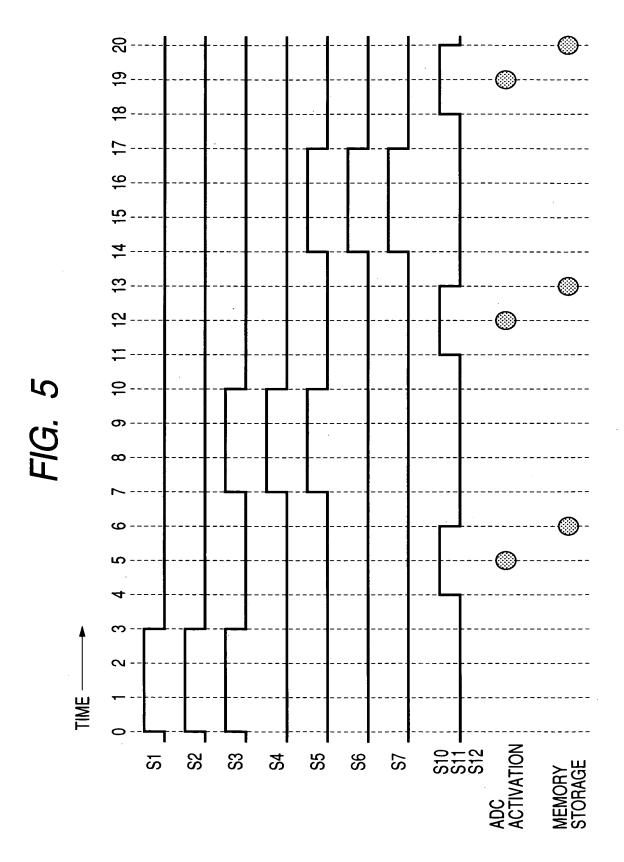


FIG. 6

